

BOREHOLE LOG

Project Number: 01K78601		DU 2, Site 20, Landfill 1/Drum Disposal Site 1 Borehole No.: 20-MW-18				Sheet 1 of 2					
Boreho	Ple Location: 2100151.27 N, 5802898	.78 E			·		Elevation and Datum				
Orilling	Contractor: Tri-County Drilling, Inc.		Date Started: 05/26/98				Date E	Date Ended:			
Prilling	Equipment: CME-75	Total Depth: 47.5 feet				O5/26/98 Groundwater Depth:					
Orilling	Method: Hollow Stem Auger	Sampling	Sampling Method: Split Spoon				Boreh	Borehole Diameter: 11 inches			
Driller: M. Ferguson		Porchale Abanda					I" monitoring well				
łamme	r Information: Hammer: 140-lb and 30-inch drop	Logged By: D. Peeler					Checked By: M. Anderson				
Depth (feet)	Lithologic Description		Symbol	USCS	Sample	Sample Number	Blow	Field OVA (ppm)	Remarks		
5	CLAY, light brownish gray (2.5Y 6/2), hard, nonplastic, with trace sand and Same as above, slightly moist.	gravel.		CL				0	Harder drilling.		
το ΄ ΄	Same as above, light olive brown (2.5 firm, medium plasticity, with sand-size fragments (10%) and gravel (5%). SANDY CLAY, olive gray (5Y 5/2), dry nonplastic, with sand (15%) and grave	ed rock		CL				0			
5	Same as above, olive brown (2.5Y 4/4 moist, firm, medium plasticity, with sar and subangular to subrounded shale gravel (10%). CLAY, light olive brown (2.5Y 5/4), mo high plasticity, with trace sand and gravel.	nd (25%)		CL				0			
D	Same as above, very soft, very high p with increasing sand (5%) and well rougravel (5%).	lasticity.		CL				0			
,	SANDY CLAY, olive brown (2.5Y 4/4), moist, firm, high plasticity, with sand (1 angular to subrounded gravel (15%).	5%) and		-CL					- - -		
-	Same as above, moist, soft to firm, me plasticity, increasing sand (20%) and gravel (20%).	dium		CL				0	-		



BOREHOLE LOG

Lithologic Description Same as above. CL GRAVELLY CLAY, dark yellowish brown (10YR 4/4), moist, soft, high plasticity, with gravel (20%) and sand (10%). Similar CLAY, dark reddish brown (5YR 2.5/3), dry, high plasticity clay. ROCK, dark reddish brown (5YR 2.5/3), dry, hard, laminated, with sand (<5%) and trace gravel. End of boring at 47.5 feet below ground surface. Groundwater not encountered during drilling. Boring completed as 4" monitoring well.	roject	Number: 01K78601 Bo	Borehole No.: 20-MW-18					Sheet	2 of 2	
GRAVELLY CLAY, dark yellowish brown (10YR 4/4), moist, soft, high plasticity, with gravel (20%) and sand (10%) SiLTY CLAY, dark brown (10YR 3/5), slightly moist, firm, low to medium plasticity, with angular to subangular gravel (15%) and sand-sized rock, fragments (10%). Same as above, with thin lenses of olive (5Y 5/4), high plasticity clay. Same as above, dark reddish brown (5YR 2.5/3), dry, high plasticity clay. ROCK, dark reddish brown (5YR 2.5/3), dry, hard, larminated, with sand (<5%) and trace gravel. End of boring at 47.5 feet below ground surface. Groundwater not encountered during drilling. Boring completed as 4" monitoring weil.	Depth (feet)	Lithologic Description		Symbol	USCS	Sample	Sample Number	Blow	leld OVA (ppm)	Remarks
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	0	Groundwater not encountered during drill	surface.	-					 	- - - -
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